RG104 E-1 Box 140 Jun-Jul 1886

Mint of the United States at Philadelphia,
MELTING AND REFINING DEPARTMENT,

Philadelphia, 15th June, 1886.

Hon. D. M. Fox,
Superintendent

Sir,

I spent three weeks of daily work last summer testing the Black Lead Crucibles, Stirrers, &c., Giving to every make submitted to us, at least 3 days trial. We found that the crucibles made by Jno. A. Taylor were the only ones that withstood the test, being firm and wholly unaltered, when each of the others gave way, by beginning to melt. After this trial we tried Taylor's three days longer, without the least impression being made on them. We are often obliged to submit our crucibles to a white heat, and long continued, and of this fact few, if any, of the Crucible makers are aware,

and are therefore disappointed in the results of our trials.

From the results of our carefully conducted, and long continued trials, we know that the crucibles of Jno. A. Taylor are greatly superior to all the others we have tried, and that under your rigid instructions for a full and fair trial.

The stirrers are also required to be strong to resist fracture while stirring the melted metal at a white heat, or even below that point. For the same reason we require the dipping cups to be of the same strength. While it is less essential that the covers should be equally strong, it is far better that they should be.

Knowing the composition of these crucibles, &c. and that their value depends largely on the kind and quantity of black lead they contain, I recommend their employment over the others, both from theory and practice, and I think the price asked

for these goods is amply warranted by their quality, and that their use will result in more economy to the Government than that of any others.

Very respectfully
I & C Booth
M. & R.

RG104 E-1 Box 140 Jun-Jul 1886

2967

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

June 15, 1886.

Booth.

Melter and Refiner.

Finds that the crucibles of Bro. A. Taylor are the only ones that will stand the test. — Will remarks.

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JUN 15 1886
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No. of Enclosures.

NARA RG104, Entry 1, Box 140

[Abstract:] Finds that the crucibles of Jno. A. Taylor are the only ones that will stand the test – with remarks.

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Jas. C. Booth
M & R